

**To:** Loughlin, Anni[loughlin.anni@epa.gov]  
**Cc:** Stalcup, Dana[Stalcup.Dana@epa.gov]; Barmakian, Nancy[Barmakian.Nancy@epa.gov]; Olson, Bryan[Olson.Bryan@epa.gov]; Murphy, Jim[Murphy.Jim@epa.gov]; Hathaway, Ed[Hathaway.Ed@epa.gov]  
**From:** Grantham, Nancy  
**Sent:** Mon 8/17/2015 12:41:09 PM  
**Subject:** Re: New Language for Ely Copper Mine Proposed Plan

Thx - when do you need approval? I need to run through opa at hq Thx ng

Sent from my iPhone

On Aug 17, 2015, at 6:37 AM, Loughlin, Anni <loughlin.anni@epa.gov> wrote:

Hello Dana and Nancy. Dana, as discussed last Thursday, 8/13, we agreed to proceed to issue the Proposed Plan for Ely Copper Mine in Vershire, VT.

**Deliberative Process/Ex. 5**

**Deliberative Process/Ex. 5**

Ed has drafted language below to include in the Proposed Plan.

**Deliberative Process/Ex. 5**

**Deliberative Process/Ex. 5**

Please let us know if you're OK with this approach and with the specific language.

Any questions, please feel free to give me a buzz at 617-918-1273, and thanks for all your help during this busy time!

**From:** Hathaway, Ed

**Sent:** Friday, August 14, 2015 4:13 PM

**To:** Loughlin, Anni; Olson, Bryan; Barmakian, Nancy; Murphy, Jim

**Cc:** Harting-Barrat, Pamela

**Subject:** New Language for Ely Copper Mine Proposed Plan

Below is my suggestion for the Ely Copper Mine proposed plan. This would be a text box at the end of the proposed plan.

**Deliberative Process/Ex. 5**

because the focus is how we will prevent any problems at the Ely Copper Mine. I have also added similar language to the FS to eliminate any ambiguity.

**Deliberative Process/Ex. 5**

do we need HQ review? I included in a sample text box format as well.

Ed

How will EPA protect against a uncontrolled release of water from the Deep Adit?

Prior to any excavation activities associated with the Deep Adit, a pre-design investigation will be performed to better understand the conditions within the adit, including the extent to which the adit is full of water. The investigations will include the installation of wells to assess the amount of water and water pressure within the adit, geophysics to better understand the configuration of the adit, water quality sampling, and flow measurements. The design will include measures to remove water that is found to be confined in the currently buried Deep Adit portal prior to any disturbance of that portal. These measures will eliminate the potential for an uncontrolled release of water from the adit. Once the adit entrance is stabilized, a flow-through bulkhead would be installed to regulate the release of water from the adit to allow treatment of the water prior to it discharging to Ely Brook.

<image001.png>